

Account: R1: Aerospace Propulsion and Power Technology.

Requesting Entity: Sam Houston State University.

Address of Requesting Entity: Sam Houston State University, 1806 Ave J, Suite 303, Huntsville, TX 77340.

Description of Request: With one more year to go before completion, this is the second year I have requested funding for TRIES. The project has received funding for a total of 7 non-consecutive years. This request will provide funds to Sam Houston State University and Texas State University System to finalize research of a technology for the treatment of contaminated water to make it usable for our troops in the field or during natural disasters.

Of the \$1.6 million TRIES received this year, approximately \$312,000 (19.5%) will go to direct labor; \$360,000 (22.5%) for materials; \$824,000 (51.5%) for other direct expenses; and \$104,000 (6.5%) for demonstration.

EARMARK DECLARATION

HON. GINNY BROWN-WAITE

OF FLORIDA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Ms. GINNY BROWN-WAITE. Madam Speaker, pursuant to the Republican Leadership standards on earmarks, I am submitting the following information regarding member requests I received as part of H.R. 2638, the Consolidated Security, Disaster Assistance, and Continuing Appropriations Act of 2009:

I requested 3 projects in H.R. 2638. They include:

\$800,000 for the Miami Project to Cure Paralysis—Battlefield Exercise and Combat Related Spinal Cord Injury Research located at 1095 NW 14th Terrace, Miami, FL 33136. This request, in the RDTE,A account, will fund continuing spinal cord injury (SCI) research at the Miami Project to Cure Paralysis, a Center of Excellence at the University of Miami School of Medicine. Research is directed at improving neuroprotection and pharmacological treatments for combat-sustained spinal cord injuries to reduce secondary damages.

\$1,200,000 for St. Leo University's Continuing Education Distance Learning located at 33701 State Road 52, P.O. Box 6665, St. Leo, FL 33574. This request, in the OM,N account, will be used for long distance learning programs that are utilized by members of our Armed Forces. At this time, the university's main campus and 21 teaching locations (15 military locations) can accommodate the VTT broadcast and delivery of academic courses. Four new centers located at military sites are scheduled for VTT system installation in 2008, and discussions are underway to add VTT at 4 military teaching locations in 2009. VTT system installation also is scheduled for the university's civilian teaching location at the Atlanta Police Training Academy, where law enforcement and military personnel study criminal justice and homeland security.

\$5,200,000 for VLOC, Inc., located at 7826 Photonics Dr., New Port Richey, FL 34655. This request, in the DPA account, will be used for the domestic production of transparent polycrystalline laser gain materials.

The Department of Defense is calling for the development of tactical lasers that generate

100+ kilowatts of output power in an all-solid-state design with field-testing starting within the next 12 months. To generate this level of operational power, new and unique laser materials must be produced commercially and domestically. Under previous forward-leaning research funded by the AFRL, U.S. industry was able to research and test innovative growth technologies, infrastructure improvements, and advanced materials analysis of these new ceramic laser gain materials. Unfortunately, at the start of these testing efforts, there were no parallel commercial polycrystalline-based efforts domestically that would address U.S. defense-critical needs. A domestic supplier now exists and it is imperative that domestically produced materials be tested and qualified to maintain the military proprietary status of these highly sensitive military 100+ kilowatt-class lasers. By leveraging this previous R&D funding, it is expected that full domestic production with volumes to meet all of the current DoD needs can be achieved.

EARMARK DECLARATION

HON. TERRY EVERETT

OF ALABAMA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Mr. EVERETT. Madam Speaker, pursuant to the Republican Leadership standards on earmarks, I am submitting the following information for publication regarding three earmarks I received as part of H.R. 2638—Consolidated Security, Disaster Assistance, and Continuing Appropriations Act of Fiscal Year 2009:

Request No. 1:

Requesting Members: Congressman TERRY EVERETT, Congressman ROBERT B. ADERHOLT. Bill Number: H.R. 2638—Consolidated Security, Disaster Assistance, and Continuing Appropriations Act of Fiscal Year 2009.

Title of Request: Advanced Hypersonic Weapon Technology Demonstration.

Account: Research, Development, Test, and Evaluation—Army, Army Missile Defense Systems Integration (Non Space).

Legal Name of Requesting Entity: Westar Aerospace & Defense Group, Inc.

Address of Requesting Entity: 890 Explorer Boulevard, Huntsville, AL 35806.

Description of Request: The Advanced Hypersonic Weapon (AHW) Technology Demonstrator earmark request is for \$2,400,000. The funding is for the U.S. Army Space and Missile Defense Command to reduce risk and flight test validate critical technologies (hypersonic boost-glide, thermal protection, precision navigation, guidance and control, and secure 2-way in-flight communication) required to enable the successful execution of the emerging USSTRATCOM mission for prompt global strike. TPS technologies are viewed by USSTRATCOM as the key to executing the prompt global strike mission. The prototype C3 capability would provide missile launch command and control associated with flight test demonstration supporting critical test execution and flight safety. As a potential spiral for weaponization, AHW would provide a ground launched forward-deployed mid-term option to destroy time sensitive/high value targets at long distances with a minimal deployment logistics tail.

Request No. 2:

Requesting Member: Congressman TERRY EVERETT.

Bill Number: H.R. 2638—Consolidated Security, Disaster Assistance, and Continuing Appropriations Act of Fiscal Year 2009.

Title of Request: Gunfire Detection System for Unmanned Aerial Vehicles.

Account: Research, Development, Test and Evaluation—Army, Concepts Experimentation Program.

Legal Name of Requesting Entity: Radiance Technologies.

Address of Requesting Entity: 350 Wynn Drive, Huntsville, AL 35805.

Description of Request: The Gunfire Detection System for Unmanned Aerial Vehicles earmark request is for \$800,000. The funding is for a wide angle weapons detection sensor that can detect, classify and locate a variety of weapon fires including Rocket Propelled Grenades (RPGs), MANPADS, small arms, mortars, tanks and artillery. This Weapons Watch (WW) Technology can process these events in near real time (less than a second) and disseminate the information over existing command and control channels immediately. This sensor, detecting from a variety of airborne platforms can cue other sensors or weapon systems to positively identify and neutralize the hostile weapon system. The basic sensor technology has been demonstrated as part of the Overwatch ACTD and has also been deployed to support current operations. At less than 30 pounds, it has flown on both manned and unmanned aircraft proving its ability to accurately detect at extended ranges while on the move. The Army Aviation Center is ready to integrate this technology on both manned and unmanned aircraft to provide both enhanced targeting and aircrew survivability. In concert with AMRDEC (Huntsville), PM UAV (Huntsville) and the Directorate of Combat Developments (Ft. Rucker), the contractor will provide simulation software and WW hardware to the USAAVNC for testing and certification through the Aviation Technical Test Center (AATTC). Aviation experts from both the Wiregrass area and Huntsville will develop the techniques, tactics and procedures to fully employ the capabilities of this system.

Request No. 3:

Requesting Members: Congressman TERRY EVERETT, Congressman ROBERT B. ADERHOLT, Congressman MIKE ROGERS.

Bill Number: H.R. 2638—Consolidated Security, Disaster Assistance, and Continuing Appropriations Act of Fiscal Year 2009.

Title of Request: Space Control Test Capabilities.

Account: Research, Development, Test and Evaluation—Air Force, Counterspace Systems.

Legal Name of Requesting Entity: Davidson Technologies, Inc.

Address of Requesting Entity: 530 Discovery Drive, Huntsville, AL 35806

Description of Request: The Space Control Test Capabilities (SCTC) earmark request is for \$1,600,000. The funding would provide half of the available funds for the final development of a version of SCTC, which will join the already developed closed-form version to give a new combined capability to analyze important transient command/control situations (e.g., satellite outages). The combined version provides both closed-form steady-state and transient-event analysis capabilities, builds upon